

JBOD1024

24-Bay HDD

Storage Expansion



The JBOD1024 JBOD (just a bunch of disks) storage enclosure is designed to scale your LILIN NAV1108 / NAV1072 server storage expansion capacity. In a 4U form factor, it offers 24-hour hot-swappable 3.5" SAS/SATA hard drive bays, without compromising superior cooling capabilities. This JBOD1024 model offers two expanders for high availability. Just install hard drives and use an external SAS cable and connect to a host bus adapter (HBA) on the head node server. The storage capacity can be expanded instantly and reduce the initial investment.

- ▶ 4U Storage JBOD Chassis with capacity 24 x 3.5" hot-swappable HDDs bays
- ▶ Single Expander Backplane Boards support SAS3/2 HDDs with 12Gb/s throughput
- ▶ 2 x Mini-SAS HD ports for Internal / External Cascading Expander Combination for high performance, high availability or high redundancy requirements
- ▶ 920W (1+1) 94% efficient Platinum level power supplies
- ▶ 5 hot-plug redundant cooling fans
- ▶ Ideal for Cloud backup, data Replication or High density Archive Storage Applications

Technical Specifications

24 BAY HOT SWAP RACK MOUNT SATA/SAS JBOD

Model#
JBOD1024

Form Factor
4U chassis

Processor Support
N/A

Dimensions	
Height	7" (178mm)
Width	17.2" (437mm)
Depth	26" (660mm)
Packaging	27" (W) x 14.8"(H) 37.3" (L)
Gross Weight	80 lb (36.29 kg)
Available Colors	black

Drive Bays	
JBOD Chassis	Up to 24 x 3.5" hot-swap HDD bays for JBOD solution Scale LILIN NAV1108 / NAV1072 server storage expansion capacity


System Cooling	
Fans	3x 8cm hot-swap redundant PWM cooling fans 2x 8cm hot-swap exhaust fans & air shroud

Operating Environment (System)	
Operating Temperature Range	5°C~35°C (41°F~95°F)
Non-Operating Temperature Range	-40°C~60°C (-40°F~140°F)
Operating Relative Humidity Range	8%~90% (non-condensing)
Non-Operating Relative Humidity Range	5%~95% (non-condensing)

Front Panel

Buttons	Power On/Off button
	System Reset Button
	Unit Identification (UID) button
LEDs	1 Network Activity LEDs

Power Supply with Power Distributor

920W high-efficiency (94%+) AC-DC Redundant power supplies with PMBus and I2C	
AC Input	100-240 V, 50-60 Hz, 11-4.5 Amp
DC Output	4 Amp @ +5V standby
	75 Amp @ +12V
Certification (Platinum Certified)	

Regulatory (Power Supply)

Power Supply Safety / EMC	USA - UL listed, FCC
	Canada - CUL listed
	Germany - TUV Certified
	Europe/CE Mark
	EN 60950/IEC 60950-Compliant

Backplane

SAS 12G single expander backplane, with LSI SAS3 expander, support 24x 3.5" SATA3/SAS2/SAS3 drives, with 4x mini-SAS HD connectors
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Dimension (W x D x H): 17.2" x 26" x 7"

